

GAISOB



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
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**RB T103388-101-105**  
**Job Sheet 203534**



Part No: RB T103388-101-105

Job Qty: 25 pcs *28 pcs DAS 21*

Part Name: Alignment Tail Rotor Driveshaft Post *32 pcs*



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/21/19

Job Tracking No:

Due Date: 1/15/20

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG T103388-101 Rev.A IPP Rev. A 19.01.25 New issue DP Verify DD/IPP Rev. B 19.06.04 drawing revision DP Verify DD

Ship Via:

Bill of Materials

Job Routing

| Op No | Operation  | Qty    | Start Date | Due Date | Standard  |         | Workcenter/Supplier | Sign-off        |
|-------|------------|--------|------------|----------|-----------|---------|---------------------|-----------------|
|       |            |        |            |          | Setup Hrs | Run Hrs |                     |                 |
| 100   | SL-154 - 1 | 25 pcs | 1/15/20    | 1/15/20  | 1.00      | 6.25    | SL-154 - 1          | <i>19/12/03</i> |
| 110   | QC 2       | 25 pcs | 1/15/20    | 1/15/20  | 0.00      | 0.00    | QC 2 - 1            |                 |
|       |            |        |            |          |           |         | QC 2 - 12           |                 |
|       |            |        |            |          |           |         | QC 2 - 14           |                 |
|       |            |        |            |          |           |         | QC 2 - 17           |                 |
|       |            |        |            |          |           |         | QC 2 - 19           |                 |
|       |            |        |            |          |           |         | QC 2 - 2            |                 |
|       |            |        |            |          |           |         | QC 2 - 20           |                 |
|       |            |        |            |          |           |         | QC 2 - 22           | <i>19/12/03</i> |
|       |            |        |            |          |           |         | QC 2 - 23           |                 |
|       |            |        |            |          |           |         | QC 2 - 25           |                 |
|       |            |        |            |          |           |         | QC 2 - 32           |                 |
|       |            |        |            |          |           |         | QC 2 - 33           | <i>19/12/03</i> |
|       |            |        |            |          |           |         | QC 2 - 35           |                 |
|       |            |        |            |          |           |         | QC 2 - 39           |                 |
|       |            |        |            |          |           |         | QC 2 - 4            |                 |
|       |            |        |            |          |           |         | QC 2 - 40           |                 |
|       |            |        |            |          |           |         | QC 2 - 44           |                 |
|       |            |        |            |          |           |         | QC 2 - 45           |                 |
|       |            |        |            |          |           |         | QC 2 - 48           |                 |
|       |            |        |            |          |           |         | QC 2 - 49           |                 |
|       |            |        |            |          |           |         | QC 2 - 50           |                 |
|       |            |        |            |          |           |         | QC 2 - 51           |                 |
|       |            |        |            |          |           |         | QC 2 - 52           |                 |
|       |            |        |            |          |           |         | QC 2 - 57           |                 |
|       |            |        |            |          |           |         | QC 2 - 62           |                 |
|       |            |        |            |          |           |         | QC 2 - 63           |                 |
|       |            |        |            |          |           |         | QC 2 - 8            |                 |
|       |            |        |            |          |           |         | QC 2 - 66           |                 |
|       |            |        |            |          |           |         | QC 2 - 64           |                 |



Container No: S236868



Part: RB T103388 - 101 - 105

Job No: 203534

Serial No/Batch: S236868

Revision: A

Inspector:

Exp Date:

Instructions:

DART Aerospace Ltd.  
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Email: sales@dartaero.com  
www.dartaerospace.com

Date: 12/03/19

|                                   |        |         |           |                        |  |
|-----------------------------------|--------|---------|-----------|------------------------|--|
| 120 QC 8                          | 25 pcs | 1/15/20 | 0.00 0.00 | QC 2 - 65              |  |
|                                   |        |         |           | QC 2 - 5               |  |
|                                   |        |         |           | QC 2 - 71              |  |
|                                   |        |         |           | QC 2 - 73              |  |
|                                   |        |         |           | QC 2 - 69              |  |
|                                   |        |         |           | QC 8 - 12              |  |
|                                   |        |         |           | QC 8 - 14              |  |
|                                   |        |         |           | QC 8 - 17              |  |
|                                   |        |         |           | QC 8 - 20              |  |
|                                   |        |         |           | QC 8 - 25              |  |
|                                   |        |         |           | QC 8 - 3               |  |
|                                   |        |         |           | QC 8 - 32              |  |
|                                   |        |         |           | QC 8 - 33              |  |
|                                   |        |         |           | QC 8 - 35              |  |
|                                   |        |         |           | QC 8 - 39              |  |
|                                   |        |         |           | QC 8 - 4               |  |
|                                   |        |         |           | QC 8 - 44              |  |
|                                   |        |         |           | QC 8 - 45              |  |
|                                   |        |         |           | QC 8 - 49              |  |
|                                   |        |         |           | QC 8 - 58              |  |
|                                   |        |         |           | QC 8 - 8               |  |
|                                   |        |         |           | QC 8 - 9               |  |
|                                   |        |         |           | QC 8 - 68              |  |
|                                   |        |         |           | QC 8 - 67              |  |
|                                   |        |         |           | QC 8 - 1 (A)           |  |
|                                   |        |         |           | QC 8 - 47              |  |
|                                   |        |         |           | QC 8 - 40              |  |
|                                   |        |         |           | QC 8 - 52              |  |
|                                   |        |         |           | QC 8 - 23              |  |
|                                   |        |         |           | QC 8 - 57              |  |
|                                   |        |         |           | QC 8 - 76              |  |
|                                   |        |         |           | QC 8 - 61              |  |
| 130 Outsource - 12 - Black Oxide  | 25 pcs | 1/15/20 |           | GRO002-VC              |  |
| 140 Packaging 2-1 - Receive - B4B | 25 pcs | 1/15/20 | 0.00 0.00 | Packaging 2 - 1 - B4B  |  |
|                                   |        |         |           | Packaging 2 - 2 - B4B  |  |
|                                   |        |         |           | Packaging 2 - 3 - B4B  |  |
|                                   |        |         |           | Packaging 2 - 5 - B4B  |  |
|                                   |        |         |           | Packaging 2 - 4 - B4B  |  |
|                                   |        |         |           | Packaging 2 - 6 - B4B  |  |
|                                   |        |         |           | Packaging 2 - 7 - B4B  |  |
|                                   |        |         |           | Packaging 2 - 8 - B4B  |  |
|                                   |        |         |           | Packaging 2 - 9 - B4B  |  |
|                                   |        |         |           | Packaging 2 - 10 - B4B |  |
|                                   |        |         |           | Packaging 2 - 11 - B4B |  |
|                                   |        |         |           | Packaging 2 - 12 - B4B |  |
|                                   |        |         |           | Packaging 2 - 13 - B4B |  |
|                                   |        |         |           | Packaging 2 - 14 - B4B |  |
|                                   |        |         |           | Packaging 2 - 15 - B4B |  |
|                                   |        |         |           | Packaging 2 - 16 - B4B |  |
|                                   |        |         |           | Packaging 2 - 17 - B4B |  |
|                                   |        |         |           | Packaging 2 - 18 - B4B |  |
|                                   |        |         |           | Packaging 2 - 19 - B4B |  |
|                                   |        |         |           | Packaging 2 - 20 - B4B |  |
|                                   |        |         |           | Packaging 2 - 21 - B4B |  |
|                                   |        |         |           | Packaging 2 - 22 - B4B |  |
|                                   |        |         |           | Packaging 2 - 23 - B4B |  |
|                                   |        |         |           | Packaging 2 - 24 - B4B |  |
|                                   |        |         |           | Packaging 2 - 25 - B4B |  |
|                                   |        |         |           | Packaging 2 - 26 - B4B |  |

2019/12/04

2019-12-05

DEC 1 6 2019

|                                 |        |         |           |                        |                 |
|---------------------------------|--------|---------|-----------|------------------------|-----------------|
| 150 QC 6                        | 25 pcs | 1/15/20 | 0.00 0.00 | QC 6 - 9               | DAS             |
|                                 |        |         |           | QC 6 - 68              | DEC 17 2019 68  |
|                                 |        |         |           | QC 6 - 61              | 9-89            |
|                                 |        |         |           | QC 6 - 40              |                 |
|                                 |        |         |           | QC 6 - 81              |                 |
| 160 Packaging 3-1 - Stock - B4B | 25 pcs | 1/15/20 | 0.00 0.00 | Packaging 3 - 1 - B4B  |                 |
|                                 |        |         |           | Packaging 3 - 2 - B4B  |                 |
|                                 |        |         |           | Packaging 3 - 3 - B4B  |                 |
|                                 |        |         |           | Packaging 3 - 4 - B4B  |                 |
|                                 |        |         |           | Packaging 3 - 5 - B4B  |                 |
|                                 |        |         |           | Packaging 3 - 6 - B4B  |                 |
|                                 |        |         |           | Packaging 3 - 7 - B4B  |                 |
|                                 |        |         |           | Packaging 3 - 8 - B4B  |                 |
|                                 |        |         |           | Packaging 3 - 9 - B4B  |                 |
|                                 |        |         |           | Packaging 3 - 10 - B4B | MLC             |
|                                 |        |         |           | Packaging 3 - 11 - B4B |                 |
|                                 |        |         |           | Packaging 3 - 12 - B4B |                 |
|                                 |        |         |           | Packaging 3 - 13 - B4B |                 |
|                                 |        |         |           | Packaging 3 - 14 - B4B |                 |
|                                 |        |         |           | Packaging 3 - 15 - B4B |                 |
|                                 |        |         |           | Packaging 3 - 16 - B4B |                 |
|                                 |        |         |           | Packaging 3 - 17 - B4B |                 |
|                                 |        |         |           | Packaging 3 - 18 - B4B |                 |
|                                 |        |         |           | Packaging 3 - 19 - B4B |                 |
|                                 |        |         |           | Packaging 3 - 20 - B4B |                 |
|                                 |        |         |           | Packaging 3 - 21 - B4B |                 |
|                                 |        |         |           | Packaging 3 - 22 - B4B |                 |
|                                 |        |         |           | Packaging 3 - 23 - B4B |                 |
|                                 |        |         |           | Packaging 3 - 24 - B4B |                 |
|                                 |        |         |           | Packaging 3 - 25 - B4B |                 |
|                                 |        |         |           | Packaging 3 - 26 - B4B |                 |
| 170 QC 21 - SA                  | 25 pcs | 1/15/20 | 0.00 0.00 | QC 21 - SA - 21        | DAS DEC 17 2019 |
|                                 |        |         |           | QC 21 - SA - 70        | 21              |
|                                 |        |         |           | QC 21 - SA - 53        | 9-89            |

Part Op 100 - 1-Machine as per folio FC 667 FOLIO REV: AA DWG REV: A 2-Deburr

Descriptions: 110 - QC2- Inspect parts off machine FAI/FAIB  
120 - QC8- Inspect parts - second check  
130 - Issue P/O; 45315 -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type;  
4140 -Certificate of Conformity is required  
140 - Certificate of Conformity is required  
150 - QC8- All purchased or subcontracted products  
160 - Identify as per dwg & Stock Location:  
170 - QC21- Final Inspection - Work Order Release

| Job BOM                     |                             |                                        |                     |                |
|-----------------------------|-----------------------------|----------------------------------------|---------------------|----------------|
| Part / Item                 | Component Name              | Quantity                               | Operation           | Container      |
| MT-1144-R0.500<br>MT4140QT- | MT-1144-R0.500<br>MT4140QT- | AISI 1144 Stressproof Round Bar 0.500" | 3.2250 ft (.129 ea) | 100-SL-154 - 1 |
|                             |                             |                                        |                     | S198681        |

| Job Allocations |                             |          |           |           |
|-----------------|-----------------------------|----------|-----------|-----------|
| Operation       | Component Part              | Required | Inventory | Allocated |
| 100-SL-154 - 1  | MT-1144-R0.500<br>MT4140QT- | 3        | 36        | 0         |

| Part Specifications                |  |  |  |  |
|------------------------------------|--|--|--|--|
| Specifications could not be found. |  |  |  |  |

WITHOUT NOTICE  
WORK ORDER  
NO. 7035 y mcs  
12-11-21



OR M/C-2341-101 OR M/C-2341-102 SURFACES FOR M/C-2341-109 TYPE III  
4) TOLERANCES:  $XX = \pm 0.1^{\circ}$   
 $XXX = \pm 0.01^{\circ}$  /  $\pm 0.5^{\circ}$   
 $XXXX = \pm 0.005^{\circ}$  /  $\pm 0.1^{\circ}$   
 $XXXXX = \pm 0.0005^{\circ}$  /  $\pm 0.05^{\circ}$   
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTERS  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) REMOVE ALL SHARP EDGES AND BURRS  
7) IDENTIFICATION: MACHINE ENGRAVE PIN, "RB T103388-101-105", AS SHOWN  
8) CENTER DRILL IS ACCEPTABLE

[illegible]

|                                                                                                                                                                                                                                                     |             |                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |                                                                                                                                                     |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Job: _____<br>Part No. _____                                                                                                                                                                                                                        |             | DISPOSITION<br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> |  | DEPARTMENT/PROCESS<br>Cross tube <input type="checkbox"/> Eng. (Non-AW) <input type="checkbox"/><br>Small Fab <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/><br>Finishing <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/><br>Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/><br>Large Fab <input type="checkbox"/> Finishing <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                       |  |  |  | Engineering <input type="checkbox"/><br>Water Jet <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Quality <input type="checkbox"/> |  |  |  |
| Date :                                                                                                                                                                                                                                              | Sequence #: | QTY Affected :                                                                                                         |  | MRB (QS1042)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                                                     |  |  |  |
| Description Work Order Deviation                                                                                                                                                                                                                    |             |                                                                                                                        |  | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |                                                                                                                                                     |  |  |  |
| <div>Root Cause</div> <div><div>Operator</div><div>Manufacturing Process</div><div>Equip/Tooling</div><div>Handling/Preservation</div><div>Material</div><div>Product Improvement</div><div>Process Improvement</div><div>Human Factors</div></div> |             |                                                                                                                        |  | <div>FAULT CATEGORY</div> <div><div>Pressure/Forced</div><div>Bending</div><div>Crushing</div><div>Cracks</div><div>Crimp/Kink/Ripple/Wave/Twist</div><div>Marks/Chatter</div><div>Mislabeled</div><div>Other/Details:</div></div> <div><div>Contamination</div><div>Misaligned/off center</div><div>BOM/Route</div><div>Broken/Damage/Defect</div><div>Incomplete/Unclear Instructions</div><div>Drill Holes</div><div>Fit/Function</div></div> <div><div>Power Loss/Surge</div><div>Folio/Program</div><div>Grain Direction</div><div>Weld</div><div>Wrong Stock Pulled</div><div>Out of Sequence</div><div>Off-set/Set-up</div></div> <div><div>Positioned Wrong</div><div>Outside Tolerance</div><div>Drawing</div><div>Finish</div><div>Part Lost/Missing</div><div>Misread</div></div> |  |  |  |                                                                                                                                                     |  |  |  |





Certificat de Conformité / Certificate of Compliance  
(024735-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9  
Tel: 514-335-3666 Fax: 514-335-3868  
www.groupaltech.com

Bon de Livraison / Packing Slip

024735 - 1

Livré à / Ship to  
**DART AEROSPACE LTD**  
1270 ABERDEEN STREET  
HAWKESBURY, ON, K6A1K7  
CANADA  
Tel.: 613-632-5200 Fax.:

Client / Customer:  
**DART AEROSPACE LTD**  
1270 ABERDEEN STREET  
HAWKESBURY, ON, K6A1K7  
CANADA  
BUYER:

| Date expédition<br>Ship date |                                                           | Créé Par<br>Generated By                                                                                                                                                                                                                           | Transport / No de Compte<br>Courier / Acc. No. | Bon de commande Client<br>Customer Purchase Order No. |                 |                   |               |                        |
|------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------|-----------------|-------------------|---------------|------------------------|
| 11-Dec-2019                  |                                                           | Jigar Patel                                                                                                                                                                                                                                        |                                                | POHB045315                                            |                 |                   |               |                        |
| #Ligne<br>Line#              | No. de Série / # Pièce<br>Part Number / Line Item Details | Description pièce(s)                                                                                                                                                                                                                               | CATG.<br>U/M                                   | Quantités / Quantities                                |                 |                   |               |                        |
|                              |                                                           |                                                                                                                                                                                                                                                    |                                                | Comm.<br>/Ordered                                     | Exp/<br>Shipped | Qté NC/<br>NC Qty | Qté<br>Scrap/ | À venir/<br>Back Order |
| 1                            | RBW6500G04231-3G-2<br>Rev.B                               | RBW6500G04231-3G<br>OXIDE-BLK & OIL [OXIDE BLACK AND OIL]<br>MIL-C-13924C CLASS 1<br>APPLY THIN LAYER OF OIL/CPC<br>PER MIL-PRF-16173 GRADE 3 CLASS 1 OR<br>MIL-C-81309, TYPE - 3 OR<br>MILL - C23411A OR MIL-PRF-81309 AND<br>WIPE OFF EXCESS OIL | OXIDE-BLACK<br><br>CH                          | 6                                                     | 6               | 0                 | 0             | 0                      |
| 2                            | RB T103388-101-105<br>Rev.A                               | RB T103388-101<br>OXIDE-BLK & OIL [OXIDE BLACK AND OIL]<br>MIL-C-13924C CLASS 1<br>APPLY THIN LAYER OF OIL/CPC<br>PER MIL-PRF-16173 GRADE 3 CLASS 1 OR<br>MIL-C-81309, TYPE - 3 OR<br>MILL - C23411A OR MIL-PRF-81309 AND<br>WIPE OFF EXCESS OIL   | OXIDE-BLACK<br><br>CH                          | 28                                                    | 28              | 0                 | 0             | 0                      |

RECEIVED  
DEC 12 2019  
DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

Epaisseur réelle  
Actual Thickness

Inspecteur Qualité  
Quality Inspector

Réçu par  
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.  
Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.  
We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.  
Our financial and legal responsibility will not be higher than the amount of invoice.